

Release notes for ENDF/B Development n-049_In_115
evaluation

ENDF
B-VII.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=4931, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=4931, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      268 TO      328
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=4931, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=4931, MF= 1, MT=451
MOD =      1 OUT OF RANGE      0 -      0      RECORD NUMBER      268
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 2, MT=151 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=4931, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY      RECORD NUMBER      330
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 1 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY      RECORD NUMBER      824
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 2 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY      RECORD NUMBER      852
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 4 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 4
SECTION 3/ 4 NOT IN DIRECTORY      RECORD NUMBER      880
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 16 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY      RECORD NUMBER      897
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 17 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 17
SECTION 3/ 17 NOT IN DIRECTORY RECORD NUMBER 908

8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 22
SECTION 3/ 22 NOT IN DIRECTORY RECORD NUMBER 914

9. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 28
SECTION 3/ 28 NOT IN DIRECTORY RECORD NUMBER 928

10. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 32 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 32
SECTION 3/ 32 NOT IN DIRECTORY RECORD NUMBER 940

11. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 33 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 33
SECTION 3/ 33 NOT IN DIRECTORY RECORD NUMBER 948

12. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 51 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 51
SECTION 3/ 51 NOT IN DIRECTORY RECORD NUMBER 955

13. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 52 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 52
SECTION 3/ 52 NOT IN DIRECTORY RECORD NUMBER 972

14. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 53
SECTION 3/ 53 NOT IN DIRECTORY RECORD NUMBER 988

15. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 54 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 54 | RECORD NUMBER | 1003 |
| SECTION 3/ 54 NOT IN DIRECTORY | | |
16. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 55 | RECORD NUMBER | 1018 |
| SECTION 3/ 55 NOT IN DIRECTORY | | |
17. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 56 | RECORD NUMBER | 1032 |
| SECTION 3/ 56 NOT IN DIRECTORY | | |
18. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 57 | RECORD NUMBER | 1046 |
| SECTION 3/ 57 NOT IN DIRECTORY | | |
19. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 58 | RECORD NUMBER | 1059 |
| SECTION 3/ 58 NOT IN DIRECTORY | | |
20. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 59 | RECORD NUMBER | 1072 |
| SECTION 3/ 59 NOT IN DIRECTORY | | |
21. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 60 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 60 | RECORD NUMBER | 1084 |
| SECTION 3/ 60 NOT IN DIRECTORY | | |
22. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 61 | RECORD NUMBER | 1096 |
| SECTION 3/ 61 NOT IN DIRECTORY | | |
23. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 62 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 62 | |
| SECTION 3/ 62 NOT IN DIRECTORY | RECORD NUMBER 1107 |
24. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 63 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 63 | |
| SECTION 3/ 63 NOT IN DIRECTORY | RECORD NUMBER 1118 |
25. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT= 91 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT= 91 | |
| SECTION 3/ 91 NOT IN DIRECTORY | RECORD NUMBER 1129 |
26. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT=102 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT=102 | |
| SECTION 3/102 NOT IN DIRECTORY | RECORD NUMBER 1139 |
27. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT=103 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT=103 | |
| SECTION 3/103 NOT IN DIRECTORY | RECORD NUMBER 1161 |
28. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT=104 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT=104 | |
| SECTION 3/104 NOT IN DIRECTORY | RECORD NUMBER 1176 |
29. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT=105 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT=105 | |
| SECTION 3/105 NOT IN DIRECTORY | RECORD NUMBER 1189 |
30. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 3, MT=107 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=4931, MF= 3, MT=107 | |
| SECTION 3/107 NOT IN DIRECTORY | RECORD NUMBER 1200 |
31. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 2 (0): Directory (b)

- | | | |
|--|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 2 | RECORD NUMBER | 1217 |
| SECTION 4/ 2 NOT IN DIRECTORY | | |
32. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 16 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 16 | RECORD NUMBER | 1397 |
| SECTION 4/ 16 NOT IN DIRECTORY | | |
33. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 17 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 17 | RECORD NUMBER | 1408 |
| SECTION 4/ 17 NOT IN DIRECTORY | | |
34. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 22 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 22 | RECORD NUMBER | 1419 |
| SECTION 4/ 22 NOT IN DIRECTORY | | |
35. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 28 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 28 | RECORD NUMBER | 1430 |
| SECTION 4/ 28 NOT IN DIRECTORY | | |
36. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 32 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 32 | RECORD NUMBER | 1441 |
| SECTION 4/ 32 NOT IN DIRECTORY | | |
37. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 33 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 33 | RECORD NUMBER | 1452 |
| SECTION 4/ 33 NOT IN DIRECTORY | | |
38. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 51 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 51 | RECORD NUMBER | 1463 |
| SECTION 4/ 51 NOT IN DIRECTORY | | |
39. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 52 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 52 | RECORD NUMBER | 1490 |
| SECTION 4/ 52 NOT IN DIRECTORY | | |
40. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 53 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 53 | RECORD NUMBER | 1517 |
| SECTION 4/ 53 NOT IN DIRECTORY | | |
41. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 54 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 54 | RECORD NUMBER | 1546 |
| SECTION 4/ 54 NOT IN DIRECTORY | | |
42. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 55 | RECORD NUMBER | 1575 |
| SECTION 4/ 55 NOT IN DIRECTORY | | |
43. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 56 | RECORD NUMBER | 1604 |
| SECTION 4/ 56 NOT IN DIRECTORY | | |
44. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 57 | RECORD NUMBER | 1631 |
| SECTION 4/ 57 NOT IN DIRECTORY | | |
45. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 58 | RECORD NUMBER | 1656 |
| SECTION 4/ 58 NOT IN DIRECTORY | | |
46. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 59 | RECORD NUMBER | 1681 |
| SECTION 4/ 59 NOT IN DIRECTORY | | |
47. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 60 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 60 | RECORD NUMBER | 1706 |
| SECTION 4/ 60 NOT IN DIRECTORY | | |
48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 61 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 61 | RECORD NUMBER | 1731 |
| SECTION 4/ 61 NOT IN DIRECTORY | | |
49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 62 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 62 | RECORD NUMBER | 1756 |
| SECTION 4/ 62 NOT IN DIRECTORY | | |
50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 63 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 63 | RECORD NUMBER | 1781 |
| SECTION 4/ 63 NOT IN DIRECTORY | | |
51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 4, MT= 91 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 4, MT= 91 | RECORD NUMBER | 1806 |
| SECTION 4/ 91 NOT IN DIRECTORY | | |
52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 5, MT= 16 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 5, MT= 16 | RECORD NUMBER | 1832 |
| SECTION 5/ 16 NOT IN DIRECTORY | | |
53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 5, MT= 17 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 5, MT= 17 | RECORD NUMBER | 1890 |
| SECTION 5/ 17 NOT IN DIRECTORY | | |
54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 5, MT= 22 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=4931, MF= 5, MT= 22 | RECORD NUMBER | 1920 |
| SECTION 5/ 22 NOT IN DIRECTORY | | |
55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 5, MT= 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 5, MT= 28
SECTION 5/ 28 NOT IN DIRECTORY RECORD NUMBER 2106

56. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 5, MT= 32 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 5, MT= 32
SECTION 5/ 32 NOT IN DIRECTORY RECORD NUMBER 2234

57. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 5, MT= 33 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 5, MT= 33
SECTION 5/ 33 NOT IN DIRECTORY RECORD NUMBER 2274

58. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 5, MT= 91 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 5, MT= 91
SECTION 5/ 91 NOT IN DIRECTORY RECORD NUMBER 2311

59. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 8, MT=102 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 8, MT=102
SECTION 8/102 NOT IN DIRECTORY RECORD NUMBER 2435

60. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=4931, MF= 9, MT=102 (0): Directory (b)

ERROR(S) FOUND IN MAT=4931, MF= 9, MT=102
SECTION 9/102 NOT IN DIRECTORY RECORD NUMBER 2439

- recent Warnings:

1. Statistical weight of certain L values were incorrect
0: RRR goof (a)

```
Calculate Cross Sections from Resonance Parameters (RECENT 2015-1)
=====
Retrieval Criteria----- MAT
File 2 Minimum Cross Section- 1.0000E-10 (Standard Option)
Reactions with No Background- Output (Resonance Contribution)
... [797 more lines]
```

- fudge-4.0 Warnings:

1. Missing a channel with a particular angular momenta combination
resonances / resolved (Error # 1): missingResonanceChannel

WARNING: Missing a channel with angular momenta combination L = 0, J = 3.0 and S = 3.0 for "capture"
 WARNING: Missing a channel with angular momenta combination L = 1, J = 3.0 and S = 3.0 for "capture"
 WARNING: Missing a channel with angular momenta combination L = 1, J = 4.0 and S = 3.0 for "capture"
 WARNING: Missing a channel with angular momenta combination L = 1, J = 4.0 and S = 4.0 for "capture"
 ... plus 1 more instances of this message

2. Cross section does not match sum of linked reaction cross sections
crossSectionSum label 0: total (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.31%

3. Cross section does not match sum of linked reaction cross sections
crossSectionSum label 1: (z,n) (Error # 0): CS Sum.

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 0.11%

- fudge-4.0 Errors:

1. The spin statistical weights are off, indicating missing channels
resonances / resolved / MultiLevel_BreitWigner (Error # 0): badSpinStatisticalWeights

WARNING: The spin statcal weights for L=1 sums to 2.0, but should sum to 3.0. You have too few channels for re

2. Calculated and tabulated Q values disagree.
reaction label 15: n[multiplicity:'2'] + In114 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -8846944.248199463 eV vs -9.0411e6 eV!

3. Calculated and tabulated Q values disagree.
reaction label 16: n[multiplicity:'3'] + In113 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -16120795.65164185 eV vs -1.63212e7 eV!

4. Calculated and tabulated Q values disagree.
reaction label 17: n + H1 + Cd114 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -6615811.384368896 eV vs -6815040. eV!

5. Calculated and tabulated Q values disagree.
reaction label 18: n + H2 + Cd113 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -13434224.6461792 eV vs -1.35503e7 eV!

6. Calculated and tabulated Q values disagree.
reaction label 19: n + H3 + Cd112 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -13717069.85139465 eV vs -1.39137e7 eV!

7. Calculated and tabulated Q values disagree.
reaction label 20: In116 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 6973554.81892395 eV vs 6783390. eV!

8. Calculated and tabulated Q values disagree.
reaction label 21: n + He4 + Ag111 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -3551977.567810059 eV vs -3736890. eV!

9. Calculated and tabulated Q values disagree.
reaction label 22: H1 + Cd115-s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -474949.2312164307 eV vs -665537. eV!

10. Calculated and tabulated Q values disagree.
reaction label 23: H2 + Cd114-s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -4391245.283432007 eV vs -4504920. eV!

11. Calculated and tabulated Q values disagree.
reaction label 24: H3 + Cd113-s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -7176991.705566406 eV vs -7365160. eV!

12. Calculated and tabulated Q values disagree.
reaction label 25: He4 + Ag112-s (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 2923078.567550659 eV vs 2733210. eV!

- njoy2012 Warnings:

1. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (0): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 16
only mf4/mf5 provided

2. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (1): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 17
only mf4/mf5 provided

3. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (2): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 22
only mf4/mf5 provided

4. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
group...compute self-shielded group-averaged cross-sections (3): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 28
only mf4/mf5 provided

5. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
grouppr...compute self-shielded group-averaged cross-sections (4): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 32
only mf4/mf5 provided

6. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
grouppr...compute self-shielded group-averaged cross-sections (5): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 33
only mf4/mf5 provided

7. With the advent of the ENDF-6 format, it is possible to make evaluations that fully describe all the products of a nuclear reaction. Some carry-over evaluations from earlier ENDF/B versions also have this capability, but many do not. This message is intended to goad evaluators to improve things!
grouppr...compute self-shielded group-averaged cross-sections (6): GROUPR/conver (0)

---message from conver---cannot do complete particle production for mt= 91
only mf4/mf5 provided